

## RESIDENTIAL

### R32 EVI DC FULL INVERTER

Heating & Cooling & Hot Water Monoblock Heat Pump



■ R32 - MF / 13kW  
 R32 - MF / 16kW

■ R32 - TF / 16kW  
 R32 - TF / 20kW  
 R32 - TF / 26kW

#### R32 EVI DC FULL INVERTER

This device, which has a monoblock design, does not have an internal unit. For this reason, it is easy to install and does not take up space in the house.

- Residential heat pumps are classified into two types: 13 kW and 16 kW single-phase and 16 kW, 20 kW and 26 kW three-phase.
- Heating, cooling and hot water needs can be met.
- Full DC Inverter technology.
- 3- / 1-phase options.
- Has an energy efficiency value of A+++ ErP rating according to the temperature values.
- The heating temperature is in the range of -25°C ~ +43°C.
- EVI stands for "enhanced vapor injection" and is a technology used to get higher performance at temperatures as low as -25°C.
- New generation eco-friendly R32 refrigerant is used.
- Mitsubishi compressor is used.
- LCD touch screen provides ease of control.
- Remote control can be provided with Wi-Fi control.
- Can work integrated with PV panel (SPP).
- Low noise level (42 dB).



### Product Package Contents

- Control Panel
- User manual
- Rubber feet
- System outlet water temperature sensor
- Underfloor heating inlet water temperature sensor
- Hot water tank temperature sensor
- Solar water temperature sensor

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Model	HP-EVI-TT-013-MF	HP-EVI-TT-016-MF	HP-EVI-TT-0016-TF	HP-EVI-TT-0020-TF	HP-EVI-TT-0026-TF
Power Supply (V/Ph/Hz)	220-240V~/50Hz			380-415V/3N~/ 50Hz	
Refrigerant Type	R32			R32	
[Space Heating] Ambient Temperature (DB/WB): 7°C/6°C, Water Temperature (Inlet/Outlet): 30°C/35°C.					
Max. Heating Capacity	4.32~13.15	4.81~15.88	4.81~15.88	6.36~20.44	8.54~25.93
Power Input (kW)	0.71~2.90	0.81~3.91	0.81~3.91	1.08~4.61	1.46~6.08
COP	6.08~4.53	5.94~4.06	5.94~4.06	5.87~4.33	5.82~4.26
[Space Heating] Ambient Temperature (DB/WB): 7°C/6°C, Water Temperature (Inlet/Outlet): 50°C/55°C.					
Max. Heating Capacity	3.63~11.91	3.90~15.99	3.90~15.99	3.41~17.69	4.67~22.27
Power Input (kW)	0.87~4.26	1.03~5.92	1.03~5.92	0.89~7.04	1.04~8.66
COP	4.17~2.80	3.79~2.70	3.79~2.70	4.32~2.51	4.28~2.57
[Space Heating] Ambient Temperature (DB/WB): 35°C/ -, Water Temperature (Inlet/Outlet): 12°C/7°C.					
Max. Cooling Capacity (kW)	4.06~9.52	2.63~13.66	2.63~13.66	3.31~16.82	4.37~21.85
Power Input (kW)	1.05~3.62	0.59~4.81	0.59~4.81	0.76~6.44	1.02~8.40
EER	3.87~2.63	4.46~2.84	4.46~2.84	4.32~2.61	4.25~2.60
[Hot Water] Ambient Temperature (DB/WB): 20°C/15°C, Water Temperature 15°C to 55°C.					
Max. Heating Capacity	12.86	16.81	16.81	23.95	31.07
Power Input (kW)	3.01	3.94	3.94	5.05	6.52
COP	4.27	4.27	4.27	4.74	4.76
ErP Level (35°C)	A+++			A+++	
ErP Level (55°C)	A++			A++	
Electric Heater Nominal Input (kW)	3			3	
Max. Power Input (kW)	7.4(4.4+3)	9.6(6.6+3)	9.6(6.6+3)	10.2(7.2+3)	12.7(9.7+3)
Max. Operating Current (A)	33.7(20+13.7)	42.4(28.7+13.7)	42.4(28.7+13.7)	26(12.3+13.7)	30.4(16.7+13.7)
Circulation Pump	Built-in			Built-in	
Fan Motor Type	DC motor			DC motor	
Water Side Heat Exchanger	Plate Heat Exchanger			Plate Heat Exchanger	
Air Side Heat Exchanger	Fin Heat Exchanger			Fin Heat Exchanger	
Expansion Tank Volume (L)	2	5		5	
Screen	4 inch Color Touch Screen			4 inch Color Touch Screen	
Wi-Fi Function	Yes			Yes	
Nominal Water Flow Rate (m³/h)	2.1	2.7	2.7	3.4	4.4
Water Pressure Drop (kPa)	22	24	24	28	31
Water Pipe Connection	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"
Sound Pressure Level at 1m dB (A)	43~55	44~55	44~55	45~58	46~59
Operating Range (°C)	-25~43 °C			-25~43 °C	
Max. Outlet Water Temperature (°C)	60			60	
Waterproof Class	IPX4			IPX4	
Electric Shock Resistance	I			I	
Net Dimensions (W/D/H) (mm)	1263 x 440 x 875		1263 x 440 x 1377		
Net Weight (kg)	111	120	130	135	140